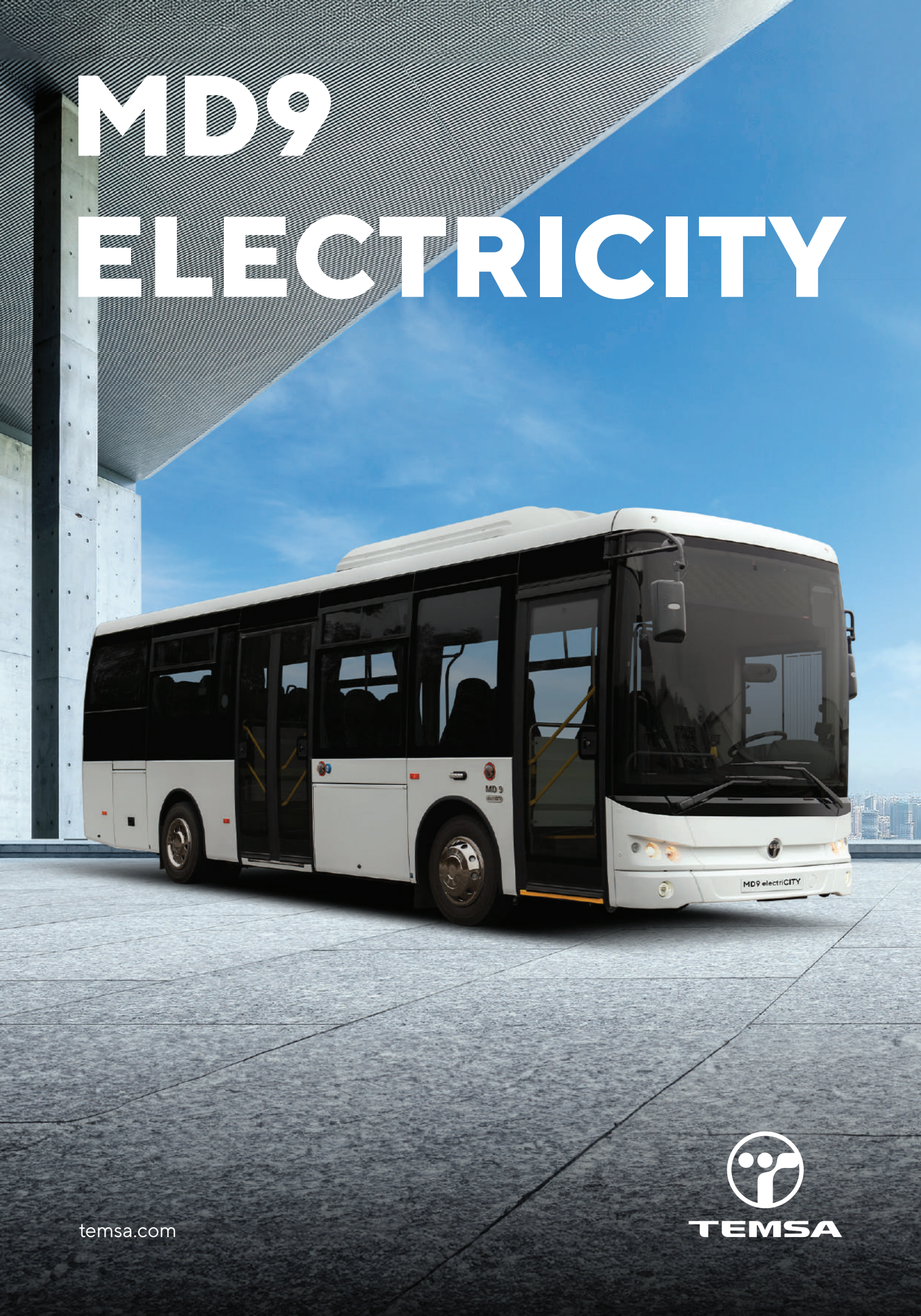
MD9 ELECTRICITY



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THE POWER OF SILENCE

The MD9 electriCITY has been designed with advanced technology to meet the needs of the transportation sector, drivers, passengers, cities, and the environment. The power of MD9 electriCITY comes from its electrical motor with zero emission level and complete silence.
Promising a clean, silent and vibration-free drive, a ride in the MD9 electriCITY is an experience not to be missed.

HIGHER POWER, HIGHER EFFICIENCY

Higher efficiency meets with eco-friendly features.
The MD9 electriCITY brings peace to city with its turning radius and length that ensure maximum maneuverability, even in the narrowest streets. With its zero-emission commitment and silent performance, it reduces air and noise pollution significantly.
The CCS Combo2-compatible battery system offers convenient and quick charging. You will never run out of power with MD9 electriCITY as DC charger comes with the options of 150 kW that completes charging in 2 hours, 90 kW in 3 hours and 45 kW in 5 hours.

A REFLECTION OF CLEAN ENERGY

The MD9 electriCITY gets the attention to its power through modest exterior design with exquisite lines extending down to the front bumper. Meanwhile, wide-view windows contrasting with the strong body proves its agile structure.

The MD9 electriCITY is ready to show up in the streets with its sustainable environment ideology design.

REDEFINED CONVENIENCE AND COMFORT

The MD9 electriCITY provides options for the safety and comfort of drivers. Driver's compartment is equipped with a defroster that enables faster heating for driver's comfort, and its preheater options power that can be controlled from the driver's compartment.

A digital dashboard displays the charging status, speed, and warnings, while another relatively smaller display panel allows for rear-view monitoring.

MEET WITH COMFORT IN THE CITY

Promising a silent and peaceful drive in the city, MD9 electriCITY offers need-based alternatives for standing and seated passenger capacity.

The MD9 electriCITY comes in two- and three-door models. The two-door model offers a 30+2 folding layout, while the three-door model offers a 26+2 folding layout.

Similarly, the vehicle is equipped with an in-vehicle camera system that monitors different sites to ensure a safe travel experience.

MAXIMUM EFFICIENCY, MAXIMUM PERFORMANCE

The MD9 electriCITY works harder for your business and definitely lasts longer. Its TM4 motor is environmentally friendly. Boasting 250 kW motor power generated with a torque of 2760 Nm, the MD9 electriCITY offers maximum driving experience.

The electric motor's torque is an output of magnetic force, creating a magnetic flux which is the length of the radius. More torque is therefore generated as the magnetic flux moves away from the axis.

ADVANCED SAFETY SYSTEMS

BEST JOURNEY EXPERIENCES BEGINS WITH SAFE DRIVING. THE MD9 ELECTRICITY INCORPORATES A NUMBER OF SAFETY SYSTEMS TO PROVIDE THE HIGHEST LEVEL OF SUPPORT.

THE ANTI-LOCK BRAKING SYSTEM (ABS)

The Anti-Lock Braking System (ABS) enables the driver to hit the brakes suddenly without losing control. It prevents the brakes from locking and reduces the stopping distance. By doing so, it improves handling and enables a safer driving experience even when sudden emergency braking is needed.

ANTI-SLIP REGULATION (ASR)

Anti-Slip Regulation (ASR) is developed to prevent loss of traction on the wheels. The ASR system helps the driver to prevent skidding, thereby allowing the vehicle to start moving even in difficult driving conditions. It also enhances driving safety on slippery surfaces, and prevents excessive wear of the tyres.

THE ELECTRONIC BRAKING SYSTEM (EBS)

The Electronic Braking System (EBS), provides an optimized level of control when braking. It is integrated into an electronic system combining the brake controls, ABS and ASR to produce superior results over shorter braking distances and lower levels of disc wear.

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DIMENSIONS AND WEIGHTS

Length	9.496 mm
Width	2.400 mm
Height (incl. air conditioner)	3.132 mm
Floor-To-Ceiling Height	Front:2.550mm / Rear:1.950 mm
Wheelbase	4.600 mm
Front Overhang	2.056 mm
Rear Overhang	2.840 mm
Turning Radius	7.070 mm (Curb to Curb)
Approach/Departure	9°/8°
Seating Capacity	Class I: 30 Class II: 29
Gross Vehicle Weight	14.440 kg*

POWER

Type	TM4 Permanent Magnet
Maximum Motor Power	250 kW
Maximum Torque	2760 Nm
Gradeability	20%

BATTERY

Type	Li-Ion Temsa
Battery Capacity	280 kWh
Charging System	CCS Combo2
Charging Time	2 hours with 150 kW DC Charger
	3 hours with 90 kW DC Charger
	5 hours with 45 kW DC Charger
Location	Rear and Middle Bottom Area

AXLES

Front Axle Type	Independent
Front Axle Capacity	5.000 Kg
Rear Axle Type	Rigid
Rear Axle Capacity	9.440 kg
Differential Ratio	5,83

RIMS & TIRES

Rim	7.5 x 19.5
Tire	265/70/R19.5

ELECTRICAL SYSTEM

System Voltage	24 V
Battery	2 x 12 V 180Ah

STEERING WHEEL

Electro Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

BRAKES

Service Brake	Standard
Parking Brake	Standard
ABS (Anti-Lock Braking System	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard
Temporary Bus Stop	Standard

INTERIOR

Handle, Dashboard	Optional

EXTERIOR AND BODY

Body Lifting	Standard
Body Side Kneeling	Standard
Body Kneeling	Standard
Fog Lights	Standard
Rim cover	Optional
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional

DRIVER'S AREA

Sunvisor	Standard
Interior Mirror for Driver	Standard
Sliding Front Heated Driver Window	Standard
Left Armrest for Driver Seat	Optional
Right Armrest for Driver Seat	Optional
3 Point Safety Belt for Driver Seat	Standard

SECURITY

ESP (Electronic Stability Programme)	Standard
Fire Extinguisher	Standard
Low Voltage Warning	Standard
Safety Hammers	Standard
Circuit Separator on Battery	Standard
Alcohol Interlock	Optional
Alcohol Interlock Preparation	Standard
Lane Departure Warning System (LDWS)	Optional
Reversing Information System (ReIS)	Standard**
Tyre Pressure Monitoring System (TPMS)	Standard**
Intelligent Speed Assistance (ISA)	Standard**
Driver Drowsiness & Attention Warning (DDAW)	Standard**
Pedestrian and Cyclist Collision Warning (MOIS)	Standard**
Emergency Stop Signal (ESS)	Standard**
Blind Spot Information System (BSIS)	Standard**
Cyber Security	Standard**

WINDOWS AND CLIMATIZATION

Single Side Windows	Standard
Air Conditioner	Standard
Additional Heating System	Optional
Driver's Defroster	Standard

ELECTRONIC EQUIPMENTS

Electrically Adjustable Exterior Mirrors	Standard
Rear View Camera	Optional
Reverse Gear Buzzer	Standard
Front Destination Plates	Optional

OTHER EQUIPMENTS

Random Coded Lock	Standard
Electrical Horn	Standard
Spare Tire	Optional
Manual Ramp	Standard
Ticket Machine Preparation	Optional

*Gross Vehicle Weight may vary depending on country regulations.

*Standard for GSR regions, optional for non-GSR regions.

**Range may vary depending on many parameters such as battery warranty, driving styles, topography, outside temperature, air conditioning systems, etc.

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